

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E80559

Employer : Google Inc.

Worksite : Google Inc.

Street : 747 6th St S

Jurisdiction : City of Kirkland

Survey Date : 11/11/2015

Survey Type : Online

Response Rate : 77%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 67.6%

Reported Total Employees at Worksite: 1,111

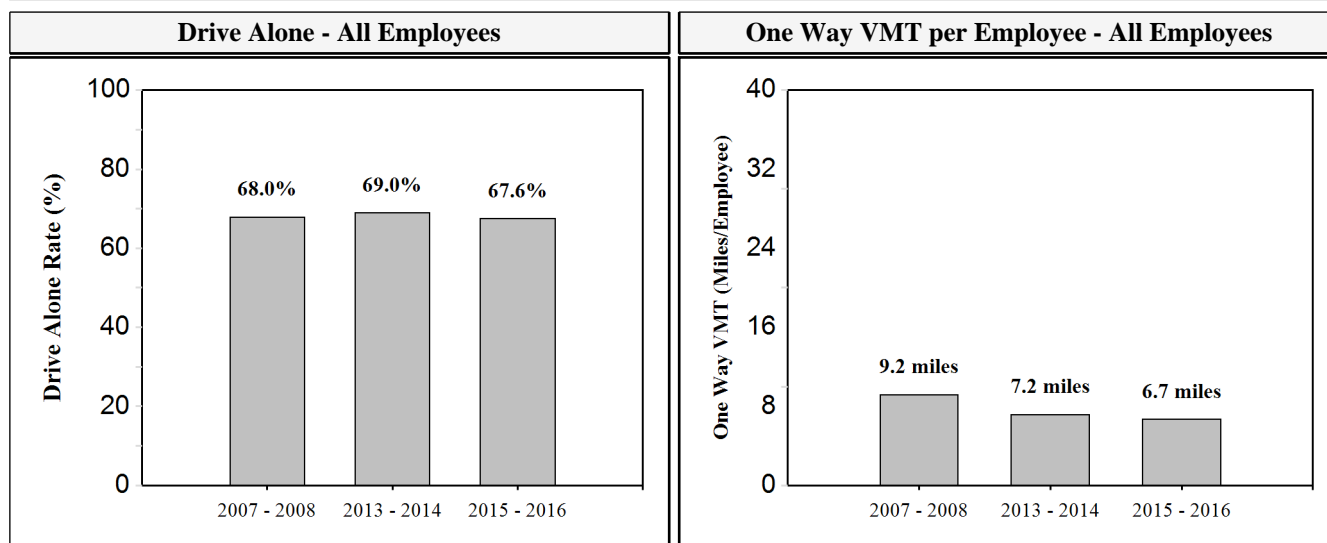
Surveys Distributed : 1,010

One-Way VMT per employee : 6.7

Surveys Returned : 774

Surveys Returned by CTR Affected Employees : 551

Total Estimated CTR - Affected Employees at Worksite : 719



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	68.0%	70.1%	9.2	9.5
2009 - 2010	71.7%	70.1%	6.6	7.1
2011 - 2012	65.3%	67.9%	7.5	8.0
2013 - 2014	69.0%	68.9%	7.2	7.3
2015 - 2016	67.6%	68.8%	6.7	6.8
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	-0.6%	-1.9%	-27.2%	-28.4%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2013 - 2014	2015 - 2016
Drive Alone - All Employees*	68.0%	69.0%	67.6%
Drive Alone - CTR Affected Employees*	70.1%	68.9%	68.8%
VMT/Employee - All Employees	9.2	7.2	6.7
VMT/Employee - CTR Affected Employees	9.5	7.3	6.8

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2013 - 2014	2015 - 2016
Emissions for Surveyed Employees	330	823	1,071
Estimated Emissions for Total Employment	520	1,100	1,537

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2013 - 2014	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	216,925	327,965	487,318
Bus Annual Passenger Miles - Surveyed Employees	137,500	245,500	339,500
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	8,325
Ferry Annual Passenger Miles - Surveyed Employees	0	0	5,800
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	2,137	18,660
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	1,600	13,000

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

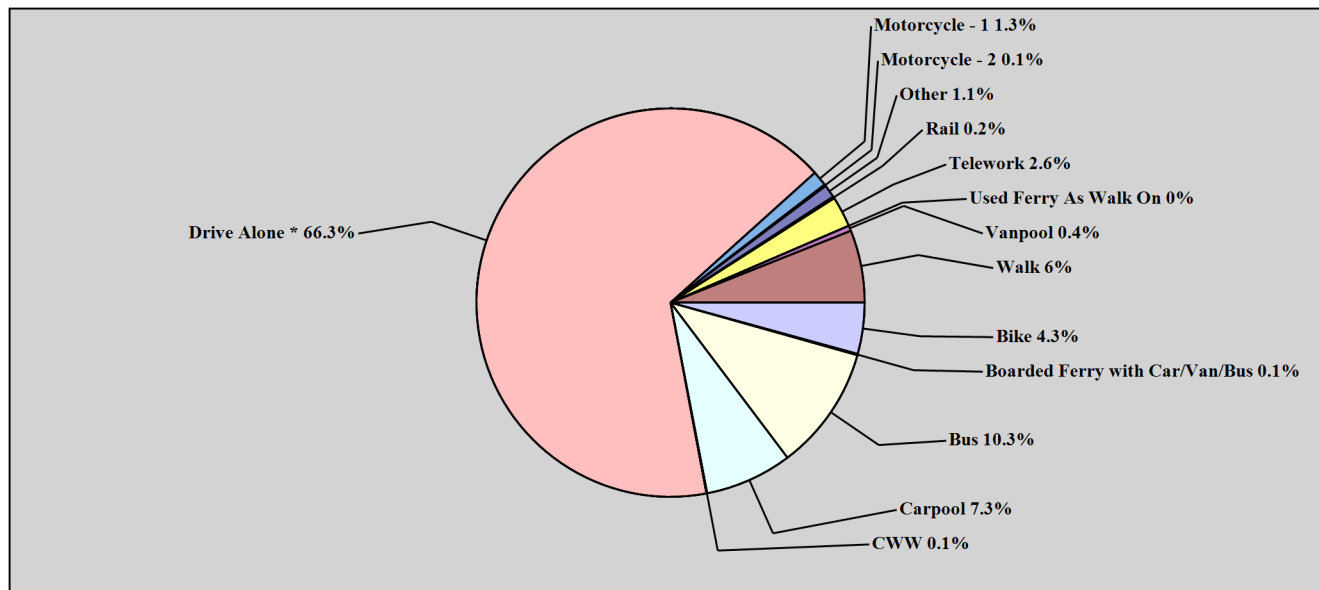
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 9.8 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



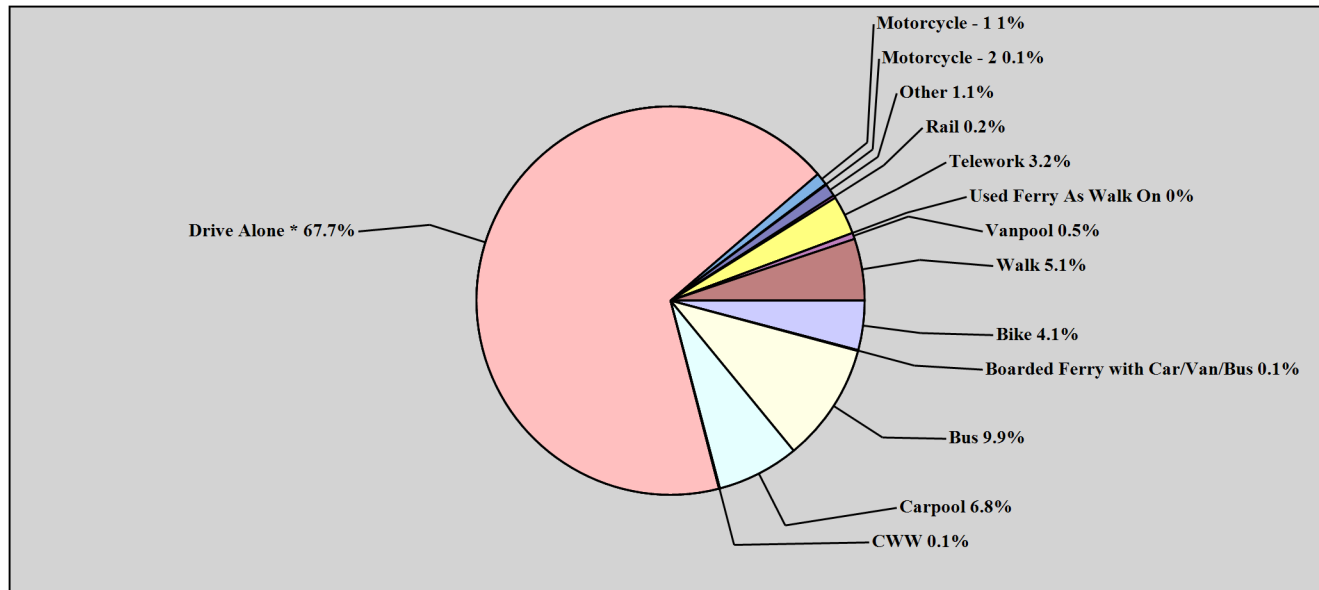
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,519	66.3%	67.3%	582	75.2%	78.0%
Carpool	276	7.3%	7.2%	85	11.0%	11.2%
Vanpool	17	0.4%	0.4%	4	0.5%	0.4%
Motorcycle - 1	48	1.3%	1.7%	13	1.7%	3.3%
Motorcycle - 2	5	0.1%	0.1%	3	0.4%	0.4%
Bus	393	10.3%	10.1%	113	14.6%	13.9%
Rail	6	0.2%	0.1%	2	0.3%	0.4%
Bike	162	4.3%	4.7%	54	7.0%	8.7%
Walk	229	6.0%	5.1%	60	7.8%	6.2%
Telework	97	2.6%	2.5%	61	7.9%	8.1%
CWW	2	0.1%	0.2%	1	0.1%	0.4%
Boarded Ferry with Car/Van/Bus	4	0.1%	0.0%	2	0.3%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	41	1.1%	0.7%	16	2.1%	1.4%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,830	67.7%	67.4%	418	75.9%	78.2%
Carpool	185	6.8%	6.6%	58	10.5%	11.0%
Vanpool	14	0.5%	0.6%	3	0.5%	0.6%
Motorcycle - 1	28	1.0%	1.4%	8	1.5%	3.4%
Motorcycle - 2	2	0.1%	0.1%	2	0.4%	0.6%
Bus	267	9.9%	10.2%	75	13.6%	14.4%
Rail	6	0.2%	0.1%	2	0.4%	0.6%
Bike	111	4.1%	5.3%	36	6.5%	9.9%
Walk	139	5.1%	4.6%	35	6.4%	5.7%
Telework	87	3.2%	2.8%	51	9.3%	7.6%
CWW	2	0.1%	0.1%	1	0.2%	0.3%
Boarded Ferry with Car/Van/Bus	2	0.1%	0.0%	1	0.2%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	29	1.1%	0.6%	11	2.0%	1.4%

* Drive alone mode includes fill-in, where applicable.



Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	435	56%	774	100%
1 Days	59	8%	339	44%
2 Days	46	6%	280	36%
3 Days	30	4%	234	30%
4 Days	38	5%	204	26%
5 Days	160	21%	166	21%
6 or More Days	6	1%	6	1%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non- Drive Alone At Least 3 Days / week	
5 days a week	393	51.5%	109	14.3%	74	9.7%	52	6.8%	1	0.1%	4	0.5%	77	10.1%	7	0.9%	231	30.3%
4 days a week (4/10s)	2	40%	1	20%	0	0%	2	40%	0	0%	0	0%	0	0%	0	0%	2	40%
3 days a week	0	0%	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	1	50%	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

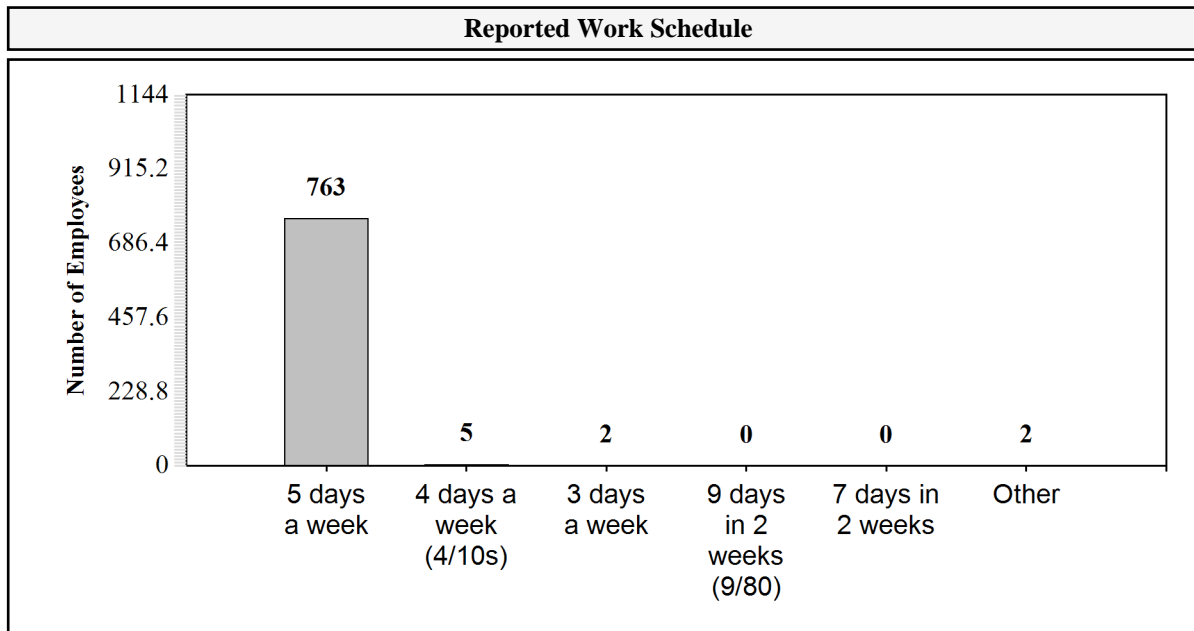
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	51
2	Motorcycle	4
2	Carpool	255
3	Carpool	21
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	4
6	Vanpool	0
7	Vanpool	0
8	Vanpool	5
9	Vanpool	0
10	Vanpool	0
11	Vanpool	3
12	Vanpool	0
13	Vanpool	0
14	Vanpool	5
15	Vanpool	0

Reported Work Schedule - All Employees

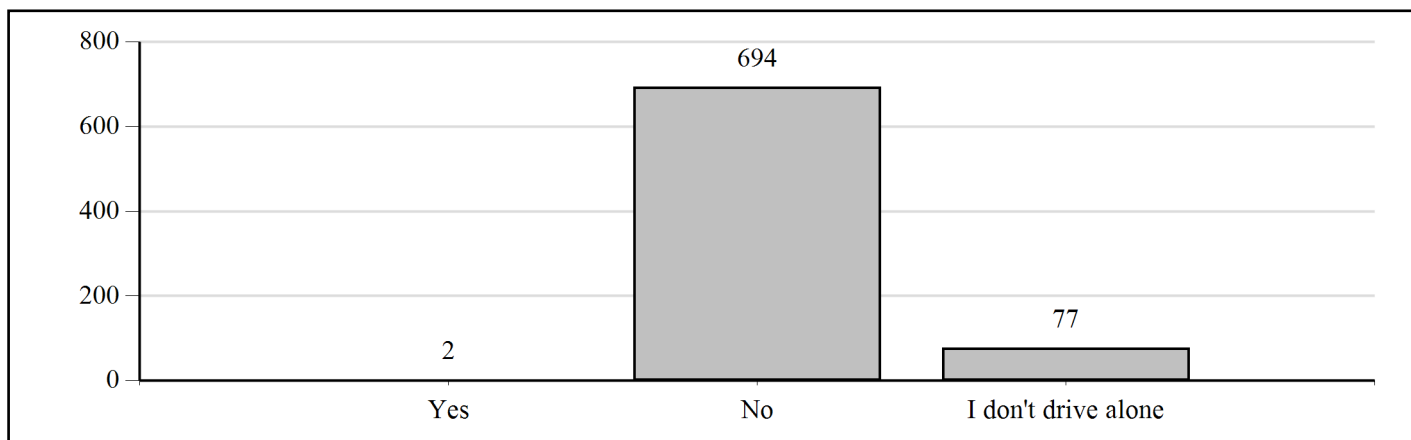
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	763	98.8%
4 days a week (4/10s)	5	0.6%
3 days a week	2	0.3%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	2	0.3%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.1%
I don't telework	194	25.1%
Occasionally, on an as-needed basis	412	53.2%
1-2 days/month	122	15.8%
1 day/week	32	4.1%
2 days/week	8	1.0%
3 days/week	5	0.6%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Personal health or well-being	249	16.4%
I have the option of teleworking	238	15.7%
Free or subsidized bus, train, vanpool pass or fare benefit	186	12.3%
Environmental and community benefits	170	11.2%
Cost of parking or lack of parking	151	10.0%
To save time using the HOV lane	127	8.4%
Driving myself is not an option	111	7.3%
To save money	80	5.3%
Other	77	5.1%
Financial incentives for carpooling, bicycling or walking.	63	4.2%
Preferred/reserved carpool/vanpool parking is provided	33	2.2%
Emergency ride home is provided	25	1.7%
I receive a financial incentive for giving up my parking space	4	0.3%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	543	31.5%
I like the convenience of having my car	444	25.8%
Family care or similar obligations	319	18.5%
My commute distance is too short	143	8.3%
Other	125	7.3%
Bicycling or walking isn't safe	111	6.4%
I need more information on alternative modes	27	1.6%
My job requires me to use my car for work	8	0.5%
There isn't any secure or covered bicycle parking	4	0.2%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	5	0	0	21	0	0	11	0	2	2
2	2	0	0	26	0	0	7	0	3	1
3	0	0	0	9	0	0	1	0	1	0
4	3	0	0	12	0	0	1	0	0	1
5	2	0	0	9	0	0	5	0	0	1
6	0	0	0	6	0	0	2	0	0	0
7	0	0	0	3	0	0	0	0	0	0
8	0	0	0	10	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0
10	2	0	0	28	0	0	0	0	0	5
11 or more	0	0	0	13	0	0	0	0	0	0
# Of Employees using Transit	14	0	0	137	0	0	27	0	6	11
Total One-Way Transit Trips Per Week	51	0	0	805	0	0	69	0	11	71

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	4	0	0	13	0	0	6	0	1	2
2	0	0	0	18	0	0	6	0	1	1
3	0	0	0	6	0	0	0	0	1	0
4	2	0	0	11	0	0	1	0	0	1
5	2	0	0	6	0	0	3	0	0	1
6	0	0	0	4	0	0	0	0	0	0
7	0	0	0	2	0	0	0	0	0	0
8	0	0	0	8	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0
10	2	0	0	17	0	0	0	0	0	3
11 or more	0	0	0	8	0	0	0	0	0	0
# Of Employees using Transit	10	0	0	93	0	0	16	0	3	9
Total One-Way Transit Trips Per Week	42	0	0	546	0	0	37	0	6	51

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	1	0.13%	0	0	0	1	0	0	4	0	0	0	0	0	0
90016	1	0.13%	0	0	0	0	5	0	0	0	0	0	0	0	0
97212	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
97405	1	0.13%	0	0	0	0	0	0	0	0	5	0	0	0	0
98004	42	5.43%	165	2	0	1	28	0	9	1	0	0	0	0	1
98005	16	2.07%	70	9	0	0	0	0	0	0	0	0	0	0	0
98006	27	3.49%	87	23	0	4	13	0	0	0	6	0	0	0	0
98007	8	1.03%	21	8	0	0	8	0	2	0	1	0	0	0	0
98008	10	1.29%	39	4	0	0	4	0	2	0	1	0	0	0	0
98011	21	2.71%	80	13	0	0	1	0	0	0	5	0	0	0	0
98012	9	1.16%	39	0	0	0	0	0	0	0	3	0	0	0	0
98014	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98019	4	0.52%	19	0	0	0	0	0	0	0	1	0	0	0	0
98020	2	0.26%	10	0	0	0	0	0	0	0	0	0	0	0	0
98021	13	1.68%	55	0	0	0	0	0	0	0	5	0	0	0	0
98024	1	0.13%	4	0	0	0	0	0	0	0	1	0	0	0	0
98026	1	0.13%	2	0	0	3	0	0	0	0	0	0	0	0	0
98027	5	0.65%	27	0	0	0	0	0	0	0	0	0	0	0	0
98028	20	2.58%	72	4	0	5	12	0	3	0	4	0	0	0	0
98029	15	1.94%	67	5	0	0	0	0	0	0	2	0	0	0	0
98030	1	0.13%	0	0	0	0	0	5	0	0	0	0	0	0	0
98033	137	17.70%	274	29	0	9	52	0	83	219	11	0	0	0	7
98034	79	10.21%	258	32	0	4	73	0	14	3	3	0	0	0	7
98036	2	0.26%	10	0	0	0	0	0	0	0	0	0	0	0	0
98037	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98038	2	0.26%	7	0	0	0	3	0	0	0	0	0	0	0	0



98039	3	0.39%	15	0	0	0	0	0	0	0	0	0	0	0	0
98040	10	1.29%	43	3	0	0	0	0	0	0	2	0	0	0	0
98042	1	0.13%	6	0	0	0	0	0	0	0	0	0	0	0	0
98045	2	0.26%	9	1	0	0	0	0	0	0	0	0	0	0	0
98052	102	13.18%	384	48	0	6	26	0	24	4	10	0	0	0	3
98053	14	1.81%	59	2	0	5	0	0	4	0	1	0	0	0	0
98055	2	0.26%	10	0	0	0	0	0	0	0	0	0	0	0	0
98056	7	0.90%	30	0	0	0	1	0	0	0	0	0	0	0	2
98058	2	0.26%	10	0	0	0	0	0	0	0	0	0	0	0	0
98059	2	0.26%	10	0	0	0	0	0	0	0	0	0	0	0	0
98065	4	0.52%	17	3	0	0	0	0	0	0	0	0	0	0	0
98072	14	1.81%	49	3	0	1	0	0	4	0	1	2	0	0	0
98074	35	4.52%	149	16	0	0	0	0	0	0	0	0	2	0	4
98075	12	1.55%	47	4	0	0	1	0	0	0	5	0	0	0	0
98077	17	2.20%	56	15	0	1	0	0	0	0	5	0	0	0	0
98092	1	0.13%	4	0	0	0	0	0	0	0	1	0	0	0	0
98101	7	0.90%	6	3	0	0	25	0	0	0	0	0	0	0	0
98102	10	1.29%	17	6	0	3	20	0	4	0	0	0	0	0	0
98103	11	1.42%	6	4	14	4	21	0	0	2	4	0	0	0	0
98105	9	1.16%	25	10	0	0	5	0	0	0	0	0	0	0	5
98107	4	0.52%	7	0	3	0	1	0	5	0	1	0	0	0	3
98109	6	0.78%	9	0	0	0	14	0	0	0	0	0	0	0	3
98112	9	1.16%	20	3	0	0	14	1	0	0	1	0	0	0	0
98115	12	1.55%	29	12	0	4	9	0	3	0	3	0	0	0	0
98116	2	0.26%	4	0	0	0	5	0	0	0	1	0	0	0	0
98117	5	0.65%	14	0	0	0	10	0	0	0	1	0	0	0	0
98118	2	0.26%	8	2	0	0	0	0	0	0	0	0	2	0	0
98119	5	0.65%	12	0	0	0	5	0	1	0	1	0	0	0	6
98121	7	0.90%	11	0	0	0	22	0	0	0	0	0	0	0	0
98122	10	1.29%	35	0	0	4	8	0	0	0	3	0	0	0	0
98125	2	0.26%	5	0	0	0	4	0	0	0	1	0	0	0	0
98126	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98136	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98144	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98155	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98177	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98199	2	0.26%	10	0	0	0	0	0	0	0	0	0	0	0	0



98201	2	0.26%	7	0	0	0	3	0	0	0	0	0	0	0	0
98208	3	0.39%	15	0	0	0	0	0	0	0	0	0	0	0	0
98223	1	0.13%	3	0	0	0	0	0	0	0	2	0	0	0	0
98258	2	0.26%	9	0	0	0	0	0	0	0	1	0	0	0	0
98272	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98275	1	0.13%	5	0	0	0	0	0	0	0	0	0	0	0	0
98290	2	0.26%	5	5	0	0	0	0	0	0	0	0	0	0	0
98296	4	0.52%	13	2	0	0	0	0	0	0	0	0	0	0	0
98371	1	0.13%	0	5	0	0	0	0	0	0	0	0	0	0	0